



SEQUENCE LISTING

<110> Kosan Biosciences, Inc.
Julien, Bryan
Katz, Leonard
Khosla, Chaitan
Tang, Li
Ziermann, Rainer

<120> Recombinant Methods and Materials for Producing
Epothilone and Epothilone Derivatives

<130> 30062-20031.11

<140> US 09/724,889

<141> 2000-11-28

<150> US 09/443,501

<151> 1999-11-19

<150> US 60/130,560

<151> 1999-04-22

<150> US 60/122,620

<151> 1999-03-03

<150> US 60/119,386

<151> 1999-02-10

<150> US 60/109,401

<151> 1998-11-20

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| tcgcgttcac | gatattctgg | gcctatgcgg | cctatttcca | gttcagtgtg | atctggatcg | 70800 |
| cgaacaagcc | cgatgagggtc | gccttcttcc | tcgaccgctg | ggaaggggccc | tggcgggccga | 70860 |
| cctccgtgct | cgctcgtcctc | acgcgggttc | tcgtcccgtt | cctgatcctg | atgtcgtacg | 70920 |
| cgatcaagcg | gcgcccgcgc | cagctctcgt | ggatggcgct | ctgggtcg | gtctccggct | 70980 |
| acatcgactt | tactggctc | gtggtgccgg | cgacaggcg | ccacgggttc | gcctatcact | 71040 |
| ggctcgacct | cgcgacctg | tgctcgtgg | gcggcctctc | gaccgcgttc | gccgcgtggc | 71100 |
| ggctgcgagg | gcggccggtg | gtcccggctc | acgaccgcg | gctcgaagag | gcctttgcgt | 71160 |
| accggagcat | atgatgttcc | gtttccgtca | cagcgagggtt | cgccaggagg | aggacacgct | 71220 |
| cccctggggg | cgcgtgatcc | tcgcgttcgc | cgctcgtgctc | gcgatcggcg | gcgcgctgac | 71280 |
| gctctggggc | tggctcgcga | tgcgggccc | cgaggcggtat | ctgcggccct | ccctcgcgtt | 71340 |
| ccccgagaag | gatctcgggc | cgcggcg | ggtcggcatg | gtccagcagt | cgctgttcga | 71400 |
| cgaggcgcg | ctggggccagc | agctcgtcga | cgcgcagcgc | gcggagctcc | gccgcttcgg | 71460 |
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<220>
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<220>
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<400> 4
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<213> Artificial Sequence

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<220>
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| <211> 44 | |
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| <210> 7 | |
| <211> 27 | |
| <212> DNA | |
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| <400> 7 | |
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| <210> 8 | |
| <211> 50 | |
| <212> DNA | |
| <213> Artificial Sequence | |
| <220> | |
| <223> Synthetic construct | |
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| <211> 25 | |
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| <400> 9 | |
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| <211> 38 | |
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 <400> 14
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<220>

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<210> 16

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<210> 18

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<213> Artificial Sequence

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<223> Synthetic construct

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20